

RESPONSE TO QUAYLE ACTION  
U.S. Application No.: 10/507,078  
Attorney Docket No.: Q83274

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the 5<sup>th</sup> paragraph on page 5 with the following amended paragraph:**

The present invention was made for solving the above mentioned problems. The present invention was invented so as to realize an stable temperature characteristics with a low loss and a lo PMD in a dispersion-compensated optical fiber such that a volume ratio should be less than a half with reference to a module of the conventional dispersion-compensated optical fiber. An object of the present invention is to provide a dispersion-compensated optical fiber such that a fluctuation of a module loss should be within  $\pm 0.5$  dB in a temperature range (-5 °C to 70°C) which is used ordinarily even if a module of the dispersion-compensated optical fiber is produced.